



2381 South Plaza Drive • P.O. Box 3388 • Rapid City, SD 57709  
605/348-0111

SAMPLE NAME: SW-6  
DESCRIPTION:  
SAMPLE DATE: 01/05/98  
SAMPLE TIME:  
SAMPLED BY:

STAN MICHALS  
BROHM MINING CORP.  
2 GILT EDGE ROAD  
DEADWOOD, SD 57732

ACCOUNT NUMBER: W1000  
LAB NUMBER: 19980106209  
DATE RECEIVED: 01/06/98  
TIME RECEIVED: 06:45 AM  
REPORT DATE: 01/07/98

PHYSICAL PROPERTIES	VALUE	METALS mg/l	DISSOLVED	TOTAL
Conductivity, umhos/cm	5360.	Aluminum	.151	.179
Hardness	901.	Antimony	.	.
PH	7.62	Arsenic	<.005	<.005
Solids, Dissolved, mg/l	4200.	Barium	.	.
Solids, Suspended, mg/l	<10.0	Beryllium	.	.
Turbidity, NTU	.	Boron	.	.
		Cadmium	.005	.005
		Calcium	253.	.
		Chromium	.	.
		Cobalt	.	.
		Copper	.028	.036
		Gold	.	.
		Iron	<.050	<.050
		Lead	.	.
		Lithium	.	.
		Magnesium	65.3	.
		Manganese	.861	.921
		Mercury	.	.
		Molybdenum	.	.
		Nickel	.	.
		Potassium	2.82	.
		Selenium	.	.
		Silicon	.	.
		Silver	.	.
		Sodium	1027.	.
		Strontium	.	.
		Vanadium	.	.
		Zinc	.069	.071
INORGANIC & NONMETALLIC	VALUE			
Alkalinity	66.8			
Bicarbonate	81.5			
Carbonate, mg/l	0.00			
Chloride, mg/l	19.0			
Cyanide, Total, mg/l	<.010			
Cyanide, WAD, mg/l	.			
Cyanide, Free, mg/l	.			
Fluoride, mg/l	.			
Nitrogen, Ammonia, mg/l	.			
Nitrogen, Nitrate, mg/l	8.05			
Nitrogen, Nitrite, mg/l	.			
Sulfate, mg/l	2917.			
QUALITY CONTROL	VALUE			
Major Anion Sum, meq/L	63.12			
Major Cation Sum, meq/L	62.77			
Anion-Cation Balance, %	-0.28			
SPECIAL TESTS	VALUE			
ACIDITY	<10.0			

APPROVED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

*[Signature]*  
01-07-98